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Sci - Minerals/Metals
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DESCRIPTORS: *Eyeglasses, Vision, *Space
perception, *Visual perception, Optics, *Refraction,
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[1961] [22]p. (foreign text included) 3 refs.
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schrift] (Germany) 1927, v. 13, no. 4, p. 41-43 and
46-47.

DESCRIPTORS: *Lenses, *Optics, *Eye, Physiology,
Prisms (optics), Corrections, Light, Focusing.

(Unannounced)

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Decentration
1. Hartinger, H.

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DESCRIPTORS: *Lenses, Optics, *Prisms (Optics),
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(Unannounced)

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DESCRIPTORS: *Lenses, Optics, Medical research,
Germany, *Prisms (Optics), Effectiveness, *Eye,
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(Unannounced)

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Indicated by the Specific Gravity (Density) and
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Compounds of Calcium Monocallyl Phosphate, by K.
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CSIRO/No. 6872

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Sci -
July 1967

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Sci - Min/Met

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Intracrystalline Swelling and Interlayer Inclusion
Compounds of Calcium-Mono-Methyl and Calciummono-
Ethyl Phosphoric Acid Esters, by K. Hartl A. Weiss.
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G. Hartlapp.

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INC 69-11109-07A

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July 69

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Kribbe, Harri.

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Trans. of German patent (display script) 1,076,101,
K 35662 IVa/121, cl. 12131, Internat'l. cl. CO1b, by
Knapsack-Griesheim Aktiengesellschaft, pub.
2 Sep 58, announcement and issue of the display script
25 Feb 60.

DESCRIPTORS: *Alkali metals, *Alkali metal com-
pounds, *Phosphates, Chemical reactions, Chlorides,
Phosphorus, Oxygen, Synthesis, Production, Process-
ing, *Fused materials.

The process for the production of alkaliphosphates
from alkali chlorides, Phosphorus, and oxygen is
marked thereby, that an alkali chloride in the presence
(Chemistry--Physical, TT, v. 6, no. 12) (over)

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MIH 5-5

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Trans. in manuscript of [Klinische] Monatsbl[atter]
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p. 367-370.

DESCRIPTORS: Pathology, *Strabismus, *Therapy,
Vision, Eye, *Ophthalmology, *Optical instruments,
*Muscles, *Exercise, Refraction, *Optical images,
Binoculars, Optics, Optometry, *Prisms, *Mirrors,
*Stereoscopes

See also 61-14097

(Unannounced)

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Laboratory of a Steel Works, by G. Hartleif,
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Scientific - Min/Metals Jul 55 CTS

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Co-op Tr Sch Tr 784

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Sci - Min/met
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2200 words; 1940.

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Contents in Steel and Iron.

Bratcher Trans., Order No. 1397, \$8.75

A 3755

Spectroanalysis of Refractories by G. Hartleif and
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GERMAN, Archiv Fur Das Eisenhüttenwesen, Vol 23,
1952, No 3-4, pp 103-105.

Handwritten notes:
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Handwritten: 2398

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Relationship Between Sensitivity to Overheating and
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A-3956

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Recrystallization after Hot Deformation, with
Special Reference to Deformations Within
Alpha-Iron Range.

Butcher Trans., Order No. 1728, \$7.65

A 3957

Rapid Spectroanalysis of Metallurgical Slag~~s~~ by
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In: Ann. der. Phys. Physik. Vol 17,
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UDC 4032

G. Hartwig

UDC 4032
No. 15

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SLA 60-18287

Sci

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Impregnation in Sulphate Cooking, by
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(10 figures omitted) 12 refs.
Order from SLA \$1.10

61-20042

Trans. of Svensk Pappers-tids[ing] 1961, v. 64,
no. 4, p. 101-103.

DESCRIPTORS: *Wood pulp fibers, *Sulfate pulp,
*Sulfites, *Chipping hammers, *Cutting tools, *Rotary
compressors, Chemical analysis, Economics, *Paper
industry, *Wood pulp machines, Chlorine.

Chipping with the cutting direction parallel with the
fibre direction in the wood should theoretically give
chips (p-chips) exhibiting a minimum of compression
damage. This principle has long been used in the
flakers, but these machines produce chips which are
too thin for pulp production and in addition their
(Materials--Wood, TT, v. 7, no. 4) (over)

61-20042

I. Hartler, N.

101070

Office of Technical Services

60-15582

Hardt, E. N. and Stockman, L.
SOME DIFFERENCES IN THE COMPARISON OF SUB-
JECTS OF THE COMPARISON CONTINUOUSLY AND DIS-
CONTINUOUSLY. (M. 60, pp. 1-10, figs. 1-10).
Continuously, M. 60, pp. 1-10, figs. 1-10.

E. Hardt, E. N.
L. Stockman, L.

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Influence of Chipping on Pulp Characteristics,
by Hils Hartlar, 10 pp.

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No 183, 1958, pp 718-723.

SLA 59-10098

Sci - Chem
Sep 59
Vol 2, No 1

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Losses of Sugar in Manufacture and their Monetary
Reflection, by M.G. Hartley.

FRENCH, per, La Industria Azucarera, Vol. 73, 1957,
pp 221-225.

CSR.CO/

M.G. HARTLEY

Sci -

July 1967

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Optimum Design of a By-pass Engine with Flow
Mixing, by A. Hartman.

GERMAN, rpt, Wissenschaftliche Gesellschaft
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Jahrestagung, Sept 1964, pp 353-361.
*NASA TT F-12, 843

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Sci-Mech
Jan 70

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Stainless Steel, Titanium and Titanium Alloys,
by A. Hartman.

DUTCH, NLL Rep. M. 1987.

TIL.T.4809

Sci 1 Min/met

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Aug 57

The Mechanical Properties of Glass Fabric
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GERMAN, MIL Report M 1991, Mechanische Eigenschaften
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TIL Tr 4864

Sci - Chem
Jun 58

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The Peeling Test on Glued Light Alloy Sheet 1,
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DUTCH, N.L.L.Rep, (M 1893), 1952.

T-4228

TPA3/TIB Tr No ~~21834~~

Min/Metals

Scientific - ~~Min/Metals~~

Mar 55 CTS

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A Review of Theoretical and Practical Methods
of Ensuring Safety From Fatigue Failures in
Aircraft Flight, by A. Hartman. UNCLASSIFIED

DUTCH, per, H.L.L. (M 2008), Jun 1956.

RAE Tr 717

Sci - Aero
Sep 58

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TPA3/TIE Tr No 4374

Scientific - Aeronautics

Mar 55 CTM

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April 54 CTS/DEX

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Electric Telemetering, by Tord Wikland, Rune Ferngre'n
Dag Hartman, 10 pp., UNCLASSIFIED

SWEDISH, per, Teknisk Tidskrift, 2 Sep 1952, pp 697-
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Navy Tr737/ONI 1161

Scientific - Electricity, telemetering, engineering

Apr 53 CTS 1092

(FDD 26506)

Single Discipline or Many Specialties in Teaching,
(Germany), by F. Hartman, 11 pp.

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Vol X, No 19/20, Goettingen, 17 Oct 1955, pp 3,4.

CIA/FDD/J-7595

WEur - Germany

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Sci - Miscellaneous

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Optimum Design of By-pass Engine With Flow
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fur Luft- und Raumfahrt, und Deut. Ges. fur
Raketentech. und Raumfahrtforsch, 14-18 Sep 1964,
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NASA TT F 12,843

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Sci/eng and fuel
May 70

Hartman, Helmut, Hofmann, Wilhelm, and Gerhard, S.
OXYGEN DETERMINATION IN ZINC AND MAGNE-
SIUM. [1961] (refs., 2 tables omitted).
Order from SLA \$1.10

61-20692

Trans. of Z[eitschrift für Metallkunde] (Germany)
1958, v. 49 [no. 9] p. 461-463.

DESCRIPTORS: *Zinc, *Magnesium, Chemical anal-
ysis, *Oxygen, Determination.

The procedure is based on $\text{ZnO} + \text{H}_2\text{S} = \text{ZnS} + \text{H}_2\text{O}$.
Hydrogen sulfide was conducted over the zinc melt at
550° with hydrogen as carrier. The water which is
formed is caught in a U-shaped absorption tube with
phosphor pentoxide and weighed. In this manner oxy-
gen content between 0.0004 and 0.0006% was deter-
mined for various types of zinc in compact form. Re-
sults show that the determination of O_2 in metallic mag-
nesium is made in the same way as in zinc. (Author)

61-20692

I. Hartmann, H.
II. Hofmann, W.
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155293

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no. 2)
Office of Technical Services

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GEAR DRIVES FOR OUTER SPACE. [1961] 11p.

Order from STT \$6.00

STT-146-305

Trans. of Machine Moderne (France) 1960 [v. 54]
Feb, p. 41-45.

DESCRIPTORS: *Space flight, Space navigation,
*Gears.

(Engineering--Aeronautical, IT, v. 7, no. 5)

62-12193

I. Hartman, M. A.

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Trans. of Soc[été] Franç[aise de] Minér[alogie et de]
Crist[allographie]. Bulletin, 1959, v. 82, p. 335-340.

DESCRIPTORS: *Quartz crystals, Quartz, *Crystal
structure.

A study is presented of the agreement between crystal-
line structure and morphology of ternary quartz. The
absence of the base can be explained by assuming that
the growth units are SiO_2 or Si_2O_4 molecules. The m
prism and the two r and z rhombohedra are of the P
type. The s (1121) and x (5161) forms are of the S type.
The faces of the trapezohedron (5161) are nearly paral-
lel to the directions, in which the interaction energy of
the P.B.C. is zero. (Author)

(Physics--Solid State, TT, v. 6, no. 1)

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NTC 69-11476-07C

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Order from SLA \$2.60

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